



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Sheet 1 of 9

ATTORNEY DOCKET NO.	SERIAL NO.
46500-000589US	10/702,557
APPLICANT	
Kang Soo SEO et al.	
FILING DATE	GROUP
November 7, 2003	2621

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		US 2001/0033517	10/25/2001	ANDO et al.		
2.		US 2001/0043790	11/22/2001	SAEKI et al.		
3.		US 2001/0053280	12/20/2001	YAMAUCHI et al.		
4.		US 2002/0015581	02/07/2002	ANDO et al.		
5.						
6.						
7.		US 2002/0046328	04/18/2002	OKADA		
8.		US 2002/0076201	06/20/2002	TSUMAGARI et al.		
9.						
10.		US 2002/0127002	09/12/2002	MORI et al.		
11.						
12.		US 2002/0145702	10/10/2002	KATO et al.		
13.		US 2002/0159368	10/31/2002	NODA et al.		
14.		US 2002/0180803	12/05/2002	KAPLAN et al.		
15.		US 2002/0196365	12/26/2002	CHO et al.		
16.		US 2002/0197059	12/26/2002	CHO et al.		
17.		US 2003/0221055	11/27/2003	OKADA		
18.		US 2003/0002194	01/02/2003	ANDOH		
19.		US 2003/0026597	02/06/2003	CHO et al.		
20.		US 2003/0118327	06/26/2003	UM et al.		
21.		US 2003/0123849	07/03/2003	NALLUR et al.		
22.		US 2003/0161615	08/28/2003	TSUMAGARI et al.		
23.		US 2003/0235403	12/25/2003	SEO et al.		
24.		US 2003/0235404	12/25/2003	SEO et al.		
25.		US 2003/0133509	07/17/2003	YANAGIHARA et al.		
26.		US 2004/0156621	08/12/2004	SEO et al.		

Examiner:

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27.		US 2004/0086261	05/06/2004	HANES		
28.		US 2004/0179819	09/16/2004	CHO et al.		
29.		US 2004/0179820	09/16/2004	KASHIWAGI et al.		
30.		US 2004/0179827	09/16/2004	CHO et al.		
31.		US 2004/0247290	12/09/2004	SEO et al.		
32.		US 2004/0252975	12/16/2004	CHO et al.		
33.		US 2005/0036763	02/17/2005	KATO et al.		
34.		US 2005/0025459	02/03/2005	KATO et al.		
35.		US 2006/0222340	10/05/2006	YAMAUCHI et al.		
36.		US 5,521,898	05/28/1996	OGASAWARA		
37.		US 5,559,808	09/24/1996	KOSTRESKI et al.		
38.		US 5,602,956	02/11/1997	SUZUKI et al.		
39.		US 5,651,010	07/22/1997	KOSTRESKI et al.		
40.		US 5,729,549	03/17/1998	KOSTRESKI et al.		
41.						
42.		US 5,742,569	04/21/1998	YAMAMOTO et al.		
43.		US 5,747,136	05/05/1998	SHONO et al.		
44.		US 5,771,334	06/23/1998	YAMAUCHI et al.		
45.		US 5,784,528	07/21/1998	YAMANE et al.		
46.		US 5,835,493	11/10/1998	MAGEE et al.		
47.		US 5,854,873	12/29/1998	MORI et al.		
48.						
49.		US 5,877,817	03/02/1999	MOON		
50.		US 5,884,004	03/16/1999	SATO et al.		
51.		US 5,940,255	08/17/1999	UWABO et al.		

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52.		US 5,949,792	09/07/1999	YASUDA et al.		
53.		US 5,953,187	09/14/1999	UWABO et al.		
54.						
55.		US 6,031,962	02/29/2000	SAWABE et al.		
56.		US 6,035,095	03/07/2000	KANESHIGE et al.		
57.		US 6,064,796	05/16/2000	NAKAMURA et al.		
58.		US 6,067,400	05/23/2000	SAEKI et al.		
59.						
60.		US 6,181,872	01/30/2001	YAMANE et al.		
61.		US 6,195,726	02/27/2001	HOGAN		
62.		US 6,219,488	04/17/2001	MORI et al.		
63.		US 6,222,805	04/24/2001	MORI et al.		
64.		US 6,285,825	09/04/2001	MIWA et al.		
65.		US 6,321,027	11/20/2001	HONJO		
66.		US 6,336,002	01/01/2002	YAMAUCHI et al.		
67.		US 6,343,062	01/29/2002	FURUKAWA et al.		
68.		US 6,351,442	02/26/2002	TAGAWA et al.		
69.		US 6,353,613	03/05/2002	KUBOTA et al.		
70.						
71.		US 6,377,747	04/23/2002	MURASE et al.		
72.		US 6,385,388	05/07/2002	LEWIS et al.		
73.		US 6,385,389	05/07/2002	MARUYAMA et al.		
74.		US 6,385,398	05/07/2002	MATSUMOTO		
75.		US 6,393,574	05/21/2002	KASHIWAGI et al.		
76.		US 6,415,101	07/02/2002	DECARMO et al.		

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77.	US 6,424,797	07/23/2002	MURASE et al.		
78.	US 6,470,140	10/22/2002	SUGIMOTO et al.		
79.	US 6,470,460	10/22/2002	KASHIWAGI et al.		
80.	US 6,515,101	02/04/2003	SHEARES		
81.	US 6,546,195	04/08/2003	KASHIWAGI et al.		
82.	US 6,556,774	04/29/2003	TSUMAGARI et al.		
83.	US 6,564,006	05/13/2003	MORI et al.		
84.	US 6,567,608	05/20/2003	MORI et al.		
85.	US 6,573,819	06/03/2003	OSHIMA et al.		
86.	US 6,603,517	08/05/2003	SHEN et al.		
87.	US 6,618,396	09/09/2003	KONDO et al.		
88.	US 6,654,543	11/25/2003	ANDO et al.		
89.	US 6,788,883	09/07/2004	PARK et al.		
90.	US 6,801,713	10/05/2004	YAGAWA et al.		
91.	US 6,901,078	05/31/2005	MORRIS		
92.	US 6,904,227	06/07/2005	YAMAMOTO et al.		
93.					
94.	US 7,072,573	07/04/2006	OKADA et al.		
95.	US 7,124,303	10/17/2006	CANDELORE et al.		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/Subclass	Translation Yes	No
96.		CN 1134583 = US 5870523	10/30/1996	CHINA			X
97.		CN 1150293 = US 6,167,189 = EP 0737980	05/21/1997	CHINA			X
98.		CN 1220458	06/23/1999	CHINA		ABST.	

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99.		WO 99/34601 = CN 1251680	07/08/1999	WIPO			X
100.		TW 391548	05/21/2000	TAIWAN		ENGLISH TRANS. OF CLAIM 1	
101.		WO 2004/079736	09/16/2004	WIPO			X
102.		WO 2004/077417	09/10/2004	WIPO			X
103.		WO 00/62295	10/19/2000	WIPO		ABST.	
104.		WO 2004/086371	10/07/2004	WIPO			X
105.		WO 2004/001750	12/31/2003	WIPO			X
106.		WO 01/82609	11/01/2001	WIPO		ABST.	
107.		WO 97/06531 = CN 1163673	02/20/1997	WIPO			X
108.		WO 99/08281 = CN 1272209	02/18/1999	WIPO		ABST.	
109.		KR 10-1999-0022858	10/23/1997	KOREA		ABST.	
110.		WO 98/00952	01/08/1998	WIPO		ABST.	
111.		WO 2004/081939	09/23/2004	WIPO			X
112.		WO 2004-075183	09/02/2004	WIPO			X
113.		WO 97/13364 = CN 1197574	04/10/1997	WIPO		ABST.	
114.		WO 00/05883 = CN 1317200	02/03/2000	WIPO			X
115.		WO 01/82606	11/01/2001	WIPO		ABST.	
116.		WO 01/82604	11/01/2001	WIPO		ABST.	
117.		WO 01/82610	11/01/2001	WIPO		ABST.	
118.		WO 97/13365	04/10/1997	WIPO		ABST.	
119.		EP 1198133	04/17/2002	EUROPE			X
120.		EP 1198132	04/17/2002	EUROPE			X
121.		EP 1081885	03/07/2001	EUROPE			X
122.		EP 0940983	09/08/1999	EUROPE			X
123.		EP 0917355	05/19/1999	EUROPE			X

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		46500-000589/US	10/702,557
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124.		EP 0873022	10/21/1998	EUROPE			X
125.		EP 0847198	06/10/1998	EUROPE			X
126.		EP 0836189	04/15/1998	EUROPE			X
127.		EP 0836183	04/15/1998	EUROPE			X
128.		EP 0920203	06/02/1999	EUROPE			X
129.		EP 0737980	10/16/1996	EUROPE			X
130.		EP 1202568	05/02/2002	EUROPE			X
131.		EP 0918438	05/26/1999	EUROPE			X
132.		EP 0723216	07/24/1996	EUROPE			X
133.		EP 1126454	08/22/2001	EUROPE			X
134.		JP 11-346341	12/14/1999	JAPAN		ABST.	
135.		JP 11-185463	07/09/1999	JAPAN		ABST.	
136.		JP 09-023403	01/21/1997	JAPAN		ABST.	
137.		JP 2002-112179	04/12/2002	JAPAN		ABST.	
138.		JP 2002-222581	08/09/2002	JAPAN		ABST.	
139.		JP 2000-030414	01/28/2000	JAPAN		ABST.	
140.		JP 2001-297535	10/26/2001	JAPAN		ABST.	
141.		JP 2000-041066	02/08/2000	JAPAN		ABST.	
142.		JP 10-040667	02/13/1998	JAPAN		ABST.	
143.		JP 2000-348442	12/15/2000	JAPAN		ABST.	
144.		JP 2000-069437	03/03/2000	JAPAN		ABST.	
145.		JP 2003-116100	04/18/2003	JAPAN		ABST.	
146.							
147.							
148.							

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149.						
150.		JP 10-032780	02/03/1998	JAPAN		ABST.
151.		JP 2001-169246	06/22/2001	JAPAN		ABST.
152.		JP 2002-158972	05/31/2002	JAPAN		ABST.
153.		JP 11-041563	02/12/1999	JAPAN		ABST.
154.		JP 64-003781	01/09/1989	JAPAN		ABST.
155.		JP 08-088832	04/02/1996	JAPAN		ABST.
156.		JP 2002-150685	05/24/2002	JAPAN		ABST.
157.		JP 2003-087744	03/20/2003	JAPAN		ABST.
158.		JP 2000-149514	05/30/2000	JAPAN		ABST.
159.		JP 2000-235779	08/29/2000	JAPAN		ABST.
160.		JP 2001-111960	04/20/2001	JAPAN		ABST.
161.		JP 09-251759	09/22/1997	JAPAN		ABST.
162.		JP 08-235833	09/13/1996	JAPAN		ABST.
163.		JP 2000-113602	04/21/2000	JAPAN		ABST.
164.		JP 2001-67802	03/06/2001	JAPAN		ABST.
165.		JP 10-51737	02/20/1998	JAPAN		ABST.
166.		JP 01-116819	05/09/1989	JAPAN		ABST.
167.		KR 10-2001-0098101	11/08/2001	KOREA		ABST.
168.		KR 10-2001-0107578	12/07/2001	KOREA		ABST.
169.		KR 10-2002-0097454	12/31/2002	KOREA		ABST.
170.		KR 10-2002-0097455	12/31/2002	KOREA		ABST.
171.		KR 10-0294884	04/23/2001	KOREA		ABST.
172.		KR 10-2000-0065876	11/15/2000	KOREA		ABST.
173.		KR 10-2000-0056179	09/15/2000	KOREA		ABST.

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174.	KR 10-2000-0055028	09/05/2000	KOREA	ABST.	
175.	KR 10-2000-0031861	06/05/2000	KOREA	ABST.	
176.	KR 10-2004-0030994	04/09/2004	KOREA	ABST.	
177.	KR 10-2004-0030992	04/09/2004	KOREA	ABST.	
178.	KR 10-2004-0000290	01/03/2004	KOREA	ABST.	
179.	KR 10-2001-0098007	11/08/2001	KOREA	ABST.	
180.	KR 10-2004-0041581	05/17/2004	KOREA	ABST.	
181.	KR 10-2004-0030995	04/09/2004	KOREA	ABST.	
182.	KR 10-2002-0006674	01/24/2002	KOREA	ABST.	
183.	KR 10-2002-0020919	03/16/2002	KOREA	ABST.	
184.	KR 10-2001-0022702	03/26/2001	KOREA	ABST.	

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	
185.		Chinese Office Action dated December 14, 2007
186.		Japanese Office Action dated January 22, 2008
187.		European Search Report dated December 28, 2007
188.		European Search Report dated January 2, 2008
189.		United States Office Action dated January 2, 2008
190.		United States Office Action dated January 28, 2008

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
191.		US 5,909,257	06/01/1999	Ohishi et al.		
192.		US 5,987,126	11/16/1999	Okuyama et al.		
193.		US 6,181,870	01/30/2001	Okada et al.		

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194.		US 6,385,394	05/07/2002	Okada et al.		
195.		US 6,445,872	09/03/2002	Sano et al.		

#### FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
196.		WO 00/42515	07/20/2000	PCT			
197.		WO 99/08281	02/18/1999	PCT			
198.		WO 2004/075181	09/02/2004	PCT			
199.		JP 011-116819	05/09/1989	JP		Abstract	
200.		JP 10-299698	11/10/1998	JP		Abstract	
201.		JP 10-051737	02/20/1998	JP		Abstract	
202.		JP 11-134812	05/21/1999	JP		Abstract	
203.		JP 11-259976	09/24/1999	JP		Abstract	
204.		JP 2000-293938	10/20/2000	JP		Abstract	
205.		JP 2001-111929	04/20/2001	JP		Abstract	
206.		JP 2001-067802	03/16/2001	JP		Abstract	
207.		JP 10-269698	10/09/1998	JP		Abstract	
208.		CN 1237852	12/08/1999	CN		Abstract	
210.		CN 1251461	04/26/2000	CN		Abstract	

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